



amelt B

SEQUENCE LISTING

RECEIVED

JUN 05 2003

TECH CENTER 1600/2900

<110> Gibson, Bradford W.
Kuntz, Irwin D.
Tang, Ning
Dollinger, Gavin
Oshiro, Connie M.
Hempel, Judith C.
Taylor, Eric W.

<120> Method of determining the
three-dimensional shape of a macromolecule

<130> UCSF-P001

<140> US 09/580,380

<141> 2000-05-26

<160> 7

<170> FastSEQ for Windows Version 4.0

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Tyr Leu Ala Met Lys Glu Asp Gly Arg Leu Leu Ala Ser Lys
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Thr Gly Gln Tyr Lys Leu Gly Pro Lys
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Glu Lys Ser Asp Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg
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Leu Tyr Lys Asn Gly Gly Phe Phe Leu Arg
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Glu Lys Ser Asp Pro His Ile Lys
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Ser Leu Met Val Met Ser Gly Pro Tyr Glu Leu Lys Ala Leu His Leu
20 25 30
Gln Gly Gln Asp Met Glu Gln Gln Val Val Phe Ser Met Ser Phe Val
35 40 45
Gln Gly Glu Glu Ser Asn Asp Lys Ile Pro Val Ala Leu Gly Lys Glu
50 55 60
Lys Asn Leu Tyr Leu Ser Cys Val Leu Lys Asp Asp Lys Pro Thr Leu
65 70 75 80
Gln Leu Glu Ser Val Asp Pro Lys Asn Tyr Pro Lys Lys Lys Met Glu
85 90 95
Lys Arg Phe Val Phe Asn Lys Ile Glu Ile Asn Asn Lys Leu Glu Phe
100 105 110
Glu Ser Ala Gln Phe Pro Asn Trp Tyr Ile Ser Thr Ser Gln Ala Glu
115 120 125
Asn Met Pro Val Phe Leu Gly Gly Thr Lys Gly Gly Gln Asp Ile Thr
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Asp Phe Thr Met Gln Phe Val Ser Ser
145 150

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Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu
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 Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp
 35 40 45
 His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile
 50 55 60
 Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly Arg
 65 70 75 80
 Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Phe Glu Arg
 85 90 95
 Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser Ser
 100 105 110
 Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro Lys
 115 120 125
 Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala Lys
 130 135 140
 Ser
 145

B2
 conc 2